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(54) Title: SLEEPINESS DETECTION FOR VEHICLE DRIVER OR MACHINE OPERATOR

(57) Abstract

A vehicle driver or machine operator sleepiness monitor (10), configured as a self-contained module (11), for steering wheel or dashboard mounting, provides for individual driver/operator interrogation and response, combined with various objective sensory inputs (13, 15, 27, 29) on vehicle condition and driver control action, and translates these inputs into weighting factors to adjust a biological activity circadian rhythm reference model, in turn to provide an audio-visual sleepiness warning indication (18).

